

## ABSTRACT

Process for mobile reception of television signals in which an output signal ( $S_A$ ) is derived from  $n$  different ( $S_1 \dots S_5$ ) and is supplied to the reproduction part of the receiver, the  $n$  input signals ( $S_1 \dots S_5$ ) being weighted, the output signal ( $S_A$ ) being formed by summing of the weighted input signals, and the quality of each of the  $n$  input signals ( $S_1 \dots S_5$ ) being evaluated

5 using at least one given criterion for determining the adaptively determined weighting factors, characterized in that the  $n$  input signals ( $S_1 \dots S_5$ ) are time-synchronized before their evaluation, summing and weighting, and the horizontal and/or vertical video synchronization pulses contained in the input signals ( $S_1 \dots S_5$ ) are used for control of time synchronization.